

Municipal Separate Storm Sewer System (MS4)

Receiving Water Quality Data

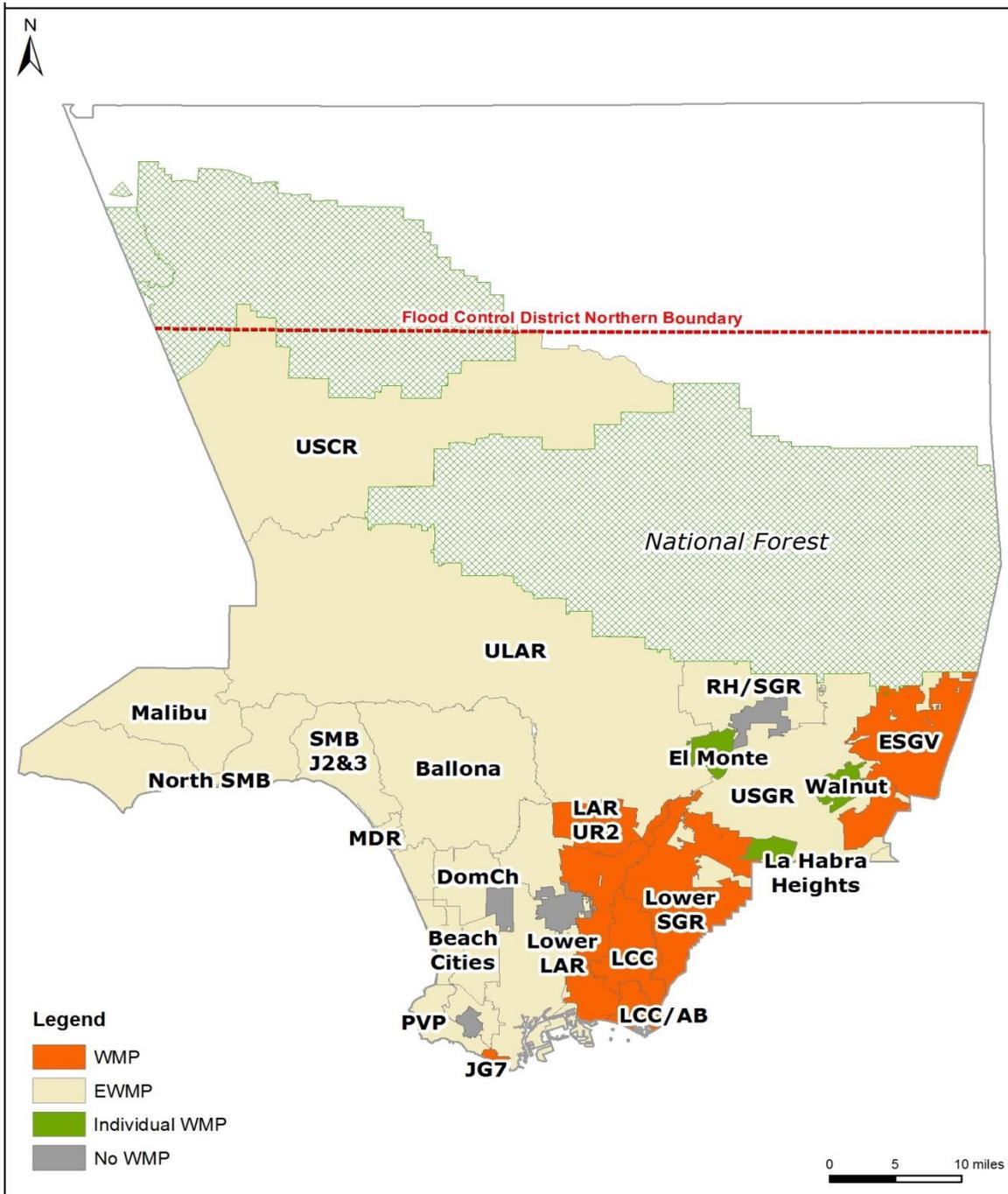
Municipal Separate Storm Sewer System (MS4) permits

- Los Angeles County
 - December 28, 2012
- Long Beach
 - March 28, 2014

Watershed Management Plans

- 12 EWMPs
- 8 WMPs
- 3 individual WMPS
- 4 no Watershed Management Plan

EWMP/WMP Groups

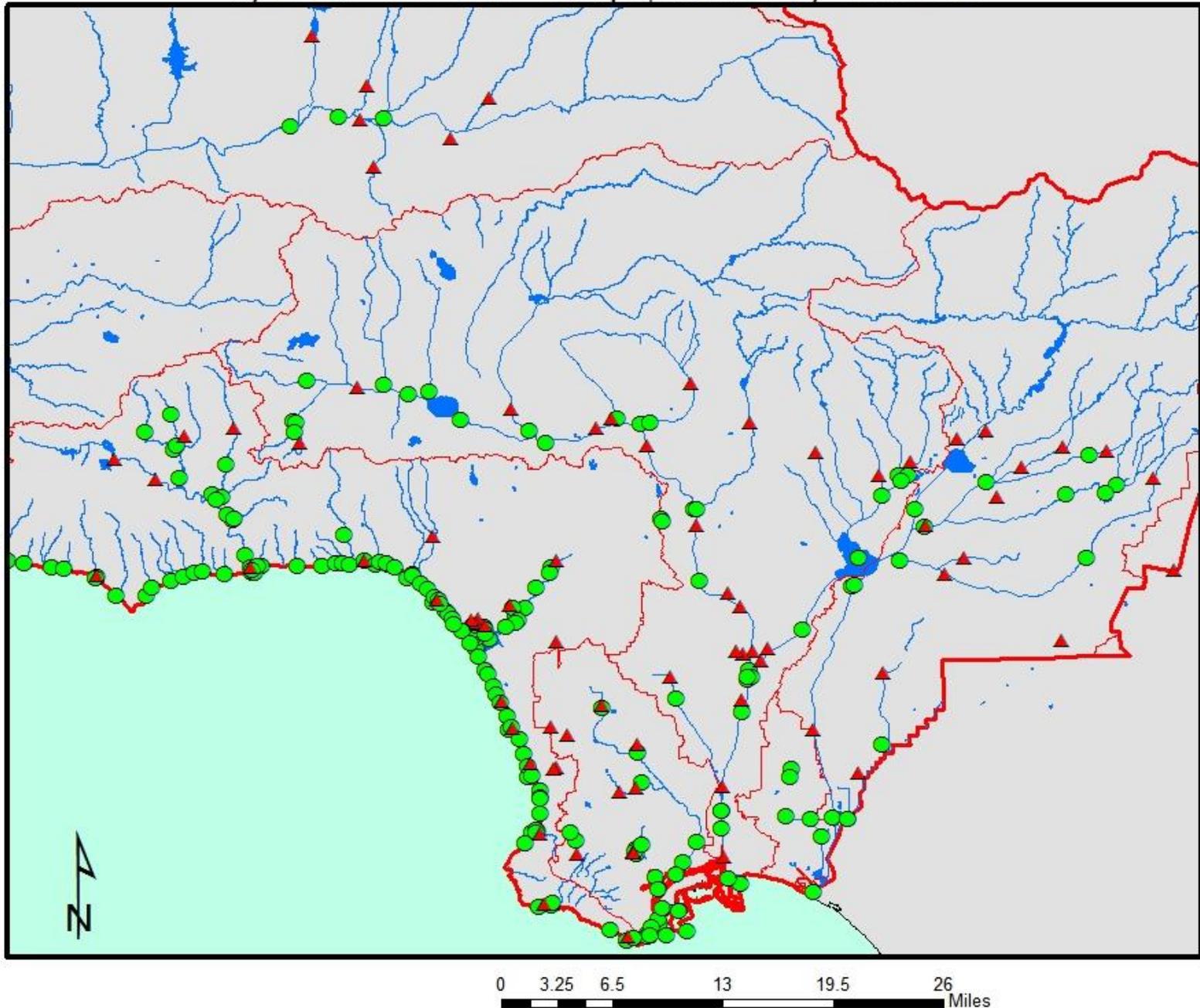


Coordinated Integrated Monitoring Program (CIMP)

Integrated Monitoring Program (IMP)

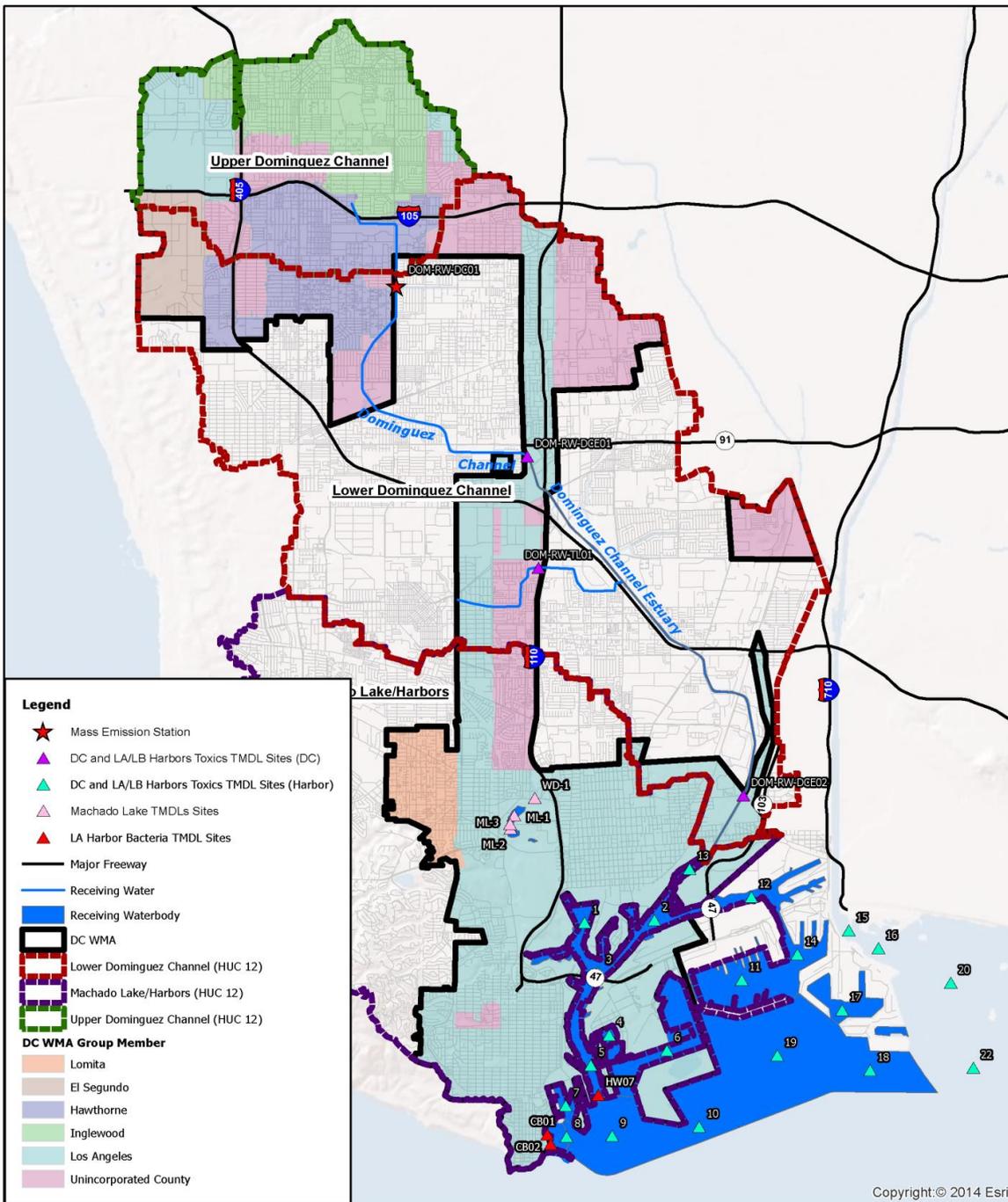
- Receiving Water Monitoring
 - Water quality standards
 - Effectiveness of control measures
- Outfall Monitoring
 - Is MS4 causing or contributing to issues?
 - Jurisdiction-specific assessment
- Adaptive Management
 - Data will support revisions to Watershed Management Programs

MS4 Receiving Water (green) and Outfall (red) Monitoring Sites Proposed by EWMP and WMP Groups, Located by Watershed



Receiving Water Monitoring

- Wet weather
 - 3 per year (and additional as TMDLs require)
- Dry weather
 - 2 per year (and additional as TMDLs require)
 - Flow, TSS, hardness, DO, pH, temp, conductivity
 - TMDL, 303(d) list,
 - 1st year long list
- Southern California Municipal Storm Water Monitoring Coalition's (SMC) Standardized Data Transfer Formats (SDTFs)



Dominguez Channel Watershed

- 3 EWMP Groups
- 3 independent cities
- 1 WMP (Long Beach)